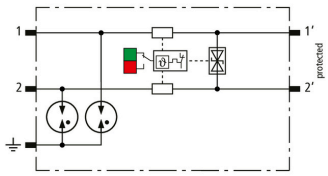
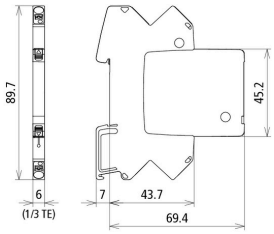
BCO ML2 BD HF 5 (927 271)

- LifeCheck arrester monitoring and integrated status indication
- Modular two-pole arrester for optimal protection of one pair of high-frequency signal circuits
- For installation in conformity with the lightning protection zone concept at the boundaries from 0_A – 2 and higher

Figure without obligation



Basic circuit diagram BCO ML2 BD HF 5



Dimension drawing BCO ML2 BD HF 5

Space-saving, modular combined arrester with a width of 6 mm and push-in connection technology with status indication for protecting one pair of unearthed high-frequency bus systems as well as balanced interfaces. With signal disconnection for maintenance purposes.

Type Part No.	BCO ML2 BD HF 5 927 271
SPD class	TYPE 1 P2
Impulse category	D1, C1, C2, C3, B2
Nominal voltage (U_N)	5 V
Max. continuous operating voltage (d.c.) (U_C)	8.5 V
Max. continuous operating voltage (a.c.) (U_C)	6.0 V
Nominal current at 70 °C (I_L)	0.75 A
D1 Total lightning impulse current (10/350 µs) (I_{imp})	3 kA
D1 Lightning impulse current (10/350 µs) per line (I_{imp})	1.5 kA
C2 Total nominal discharge current (8/20 µs) (I_n)	10 kA
C2 Nominal discharge current (8/20 µs) per line (I_n)	5 kA
Voltage protection level line-line for I_n C2 (U_p)	≤ 42 V
Voltage protection level line-PG for I_n C2 (U_p)	≤ 600 V
Voltage protection level line-line for I_n C1 (U_p)	≤ 42 V
Voltage protection level line-PG for I_n C1 (U_p)	≤ 600 V
Voltage protection level line-line at 1 kV/µs C3 (U_p)	≤ 15 V
Voltage protection level line-PG at 1 kV/µs C3 (U_P)	≤ 600 V
Series resistance per line	1 ohm(s)
Cut-off frequency line-line (f_G)	100 MHz
Capacitance line-line (C)	≤ 21 pF pF
Capacitance line-PG (C)	≤ 15 pF pF
Operating temperature range (T_U)	-40 °C ... +80 °C
Operating state / fault indication	green / red
Degree of protection	IP 20
Connection (input / output)	push-in / push-in
Cross-sectional area (solid)	0.2-2.5 mm^2
Cross-sectional area (flexible)	0.2-2.5 mm^2
Earthing via	35 mm DIN rails acc. to EN 60715
Enclosure material	polyamide PA 6.6
Colour	yellow
Test standards	IEC 61643-21 / EN 61643-21
Approvals	UL, CSA, EAC, ATEX, IECEx, CCC, SIL
ATEX approvals	TÜV 20 ATEX 8527 X: II 3G Ex ec IIC T4 Gc
IECEx approvals	IECEx TUR 20.0063X: Ex ec IIC T4 Gc
China Compulsory Certification	CCC no. 2021312304001192
Extended technical data:	- - - - - - - - - - - - - - - - - - - -
– Max. discharge current (8/20 µs) [1/2 - PG], [1+2 - PG] (I_{max})	20 kA
– Discharge current (8/20 µs) [1/2 - PG], [1+2 - PG]	10 kA (10x)
– Voltage protection level line-PG at 1 kV/µs C3 after being subjected to I_{max} (U_p)	≤ 600 V
Weight	34 g
Customs tariff number	85363010
GTIN	4013364405660
PU	1 Stk

✔, : Tested NEW: New ⚿: Discontinued Model